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Sheet 1 of 2

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 041673-2007

Application Number: 09/215,569

Applicant: Bier, et al.

Filing Date: 12/16/98

Group Art Unit: 1645 1647

## U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
ZJR	1.	Biehs, B., et al., "The <i>Drosophila short gastrulation</i> gene prevents Dpp from autoactivating and suppressing neurogenesis in the neuroectoderm," <i>Genes &amp; Development</i> (1996) 10:2922-2934.
	2.	Bier, E., "Anti-Neural-Inibition: A Conserved mechanism for Neural Induction," <i>Cell</i> (1997) May 30; 89:681-684.
	3.	Cork, MJ, et al., "Genetic control of cytokines. Cytokine gene polymorphisms in alopecia areata," <i>Dermatol Clin</i> 1996 Oct;14(4):671-678.
	4.	Danilenko DM, et al., "Growth factors and cytokines in hair follicle development and cycling: recent insights from animal models and the potentials for clinical therapy," <i>Mol Med Today</i> 1996 Nov;2(11):460-467.
	5.	François, V., et al., "Dorsal-ventral patterning of the <i>Drosophila</i> embryo depends on a putative negative growth factor encoded by the <i>short gastrulation</i> gene," <i>Genes &amp; Development</i> (1994) 8:2602-2616.
JKC	6.	François, V., et al., "Xenopus <i>chordin</i> and <i>Drosophila short gastrulation</i> Genes Encode Homologous Proteins Functioning in Dorsal-Ventral Axis Formation," Letters to the Editor, <i>Cell</i> (1995) Jan 13; 80:19-20.
NO DATE	7.	GENBANK Accession No. AA140772
NO DATE	8.	GENBANK Accession No. L35764
ZJR	9.	Hoffmann, R., et al., "Growth factor mRNA levels in alopecia areata before and after treatment with the contact allergen diphenylcyclopropenone," <i>Acta Derm Venereol</i> (1996) Jan; 76(1):17-20.
	10.	Honda, Y., et al, "Osteogenic protein-I stimulates mRNA levels of BMP-6 and decreases mRNA levels of BMP-2 and -4 in human osteosarcoma cells," <i>Calcif Tissue Int</i> (1997) Mar; 60(3):297-301.
	11.	Imai, R., et al., "Effects of cytokines, anti-cancer agents and coarcinogen on DNA synthesis in hair bulb cells," <i>J Dermatol Sci</i> 1993 Apr;5(2):73-80.
JKC	12.	King, LE Jr, et al., "Growth factor receptors and hair loss." <i>J Invest Dermatol</i> 1991

EXAMINER: (examiner)

*James J. Lewis*

DATE CONSIDERED:

7/16/11

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		Applicant: Bier, et al.	
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## OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
		May;96(5):79S
SR	13.	Konig, A., et al., "IFN-gamma-induced HLA-DR but not ICAM-1 expression on cultured dermal papilla cells is downregulated by TNF-alpha," <u>Arch Dermatol Res</u> 1997 Jul; 289(8): 466-470.
	14.	Kweon, Y., et al., "The <i>Drosophila decapentaplegic</i> and <i>short gastrulation</i> genes function antagonistically during adult wing vein development," <u>Development</u> (1996) 122:4033-4044.
	15.	Murillas, R., et al., "Expression of a dominant negative mutant of epidermal growth factor receptor in the epidermis of transgenic mice elicits striking alterations in hair follicle development and skin structure." <u>EMBO J</u> 1995 Nov 1;14(21):5216-5223.
	16.	Nishitoh H., et al., "Identification of type I and type II serine/threonine kinase receptors for growth/differentiation factor-5," <u>J Biol Chem</u> (1996) Aug 30; 271(35):21345-21352.
	17.	Philpott, MP, et al., "Cultured human hair follicles and growth factors," <u>J Invest Dermatol</u> 1995 May;104(5 Suppl)44S-45S.
	18.	Phippard, DJ, et al., "Regulation of Msx-1, Msx-2, Bmp-2 and Bmp-4 during foetal and postnatal mammary gland development," <u>Development</u> (1996) Sep; 122(9):2729-2737.
	19.	Sanchez-Carpintero, et al., "Role of neuropeptides in dermatology," <u>Rev Neurol</u> 1997 Sep;25 Suppl 3:S222-S231.
	20.	Schmidt, J., et al., "Drosophila short gastrulation induces an ectopic axis in <i>Xenopus</i> : evidence for conserved mechanisms of dorsal-ventral patterning," <u>Development</u> (1995) 121:4319-4328.
	21.	Sturtevant, Mark A., et al., "The <i>spalt</i> gene links the A/P compartment boundary to a linear adult structure in the <i>Drosophila</i> wing," <u>Development</u> 124, 21-32 (1997).
	22.	Wu, X., et al., "Analysis of the native murine bone morphogenetic protein serine threonine kinase type I receptor (ALK-3)" <u>J. Cell Physiol</u> (1996) Aug; 168(2):453-461.
	23.	Xu, RH, et al., "Differential regulation of neurogenesis by the two <i>Xenopus</i> GATA-1 genes," <u>Mol Cell Biol</u> (1997) Jan; 17(1):436-443.
SR	24.	Zavadil, J., et al., "Smad5, a tumor suppressor candidate at 5q31.1, is hemizygously lost and not mutated in the retained allele in human leukemia cell line HL60," <u>Leukemia</u> (1997) Aug;11(8):1187-1192.

EXAMINER:	<i>Paula Renniv</i>	DATE CONSIDERED:	<i>7/16/11</i>
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